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(71) Applicant (*for all designated States except US*): **AMOLI ORGANICS LTD.** [IN/IN]; 407, Dalmal House, J-Bajaj Road, Nariman Point, Mumbai 400 021, Maharashtra (IN).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **PARENKY, Chandrashekhar** [IN/IN]; A-11, Happy House, Plot No. 16, Sector-9A, Vashi, Navi Mumbai 400 703, Maharashtra (IN). **CHATURVEDI, Rohit** [IN/IN]; C-10, Saidham CHS, Premier Road, Kurla, Mumbai 400 070, Maharashtra (IN).

(74) Agent: **PARENKY, Chandrashekhar**; Amoli Organics Ltd., 407, Dalmal House, J-Bajaj Road, Nariman Point, Mumbai 400 021, Maharashtra (IN).

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(54) Title: NOVEL PROCESS FOR PREPARATION OF 10-OXO-10, 11-DIHYDRO-5H-DIBENZ [b,f]AZEPINE-5-CARBOX-AMIDE (OXCARBAZEPINE) VIA INTERMEDIATE, 10-METHOXY-5H-DIBENZ[b,f] AZEPINE-5-CARBONYLCHLORIDE

(57) Abstract: Novel process for preparation of 10-oxo-10, 11-dihydro-5H-dibenz[b,f] azepine-5-carboxamide (oxcarbazepine) via intermediate 10-methoxy-5H-dibenz[b,f] azepine-5-carboxyl chloride; comprising the steps: a) Preparation of an intermediate 10-methoxy-5H-dibenz[b,f] azepine-5-carboxyl chloride from 10-methoxyiminostillbene using bis(trichloromethyl) carbonate (BTC) with organic base such as aliphatic or aromatic tertiary amines in organic solvent b) Conversion of the intermediate to 10-methoxy-5H-dibenz[b,f] azepine-5-carboxamide using ammonia in organic solvent c) Formation of oxcarbazepine from step(b) using Lewis acid in an organic solvent at a temperature between 25°C - 80°C, preferably at 50°C to 70°C d) Isolation of oxcarbazepine.

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

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